

**PATENT COOPERATION TREATY**  
**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**  
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 04P400480	<b>FOR FURTHER ACTION</b>	
	See item 4 below	
International application No. PCT/CN2004/000666	International filing date ( <i>day/month/year</i> ) 22 June 2004 (22.06.2004)	Priority date ( <i>day/month/year</i> ) 01 December 2003 (01.12.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant <b>ZTE CORPORATION</b>		

<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>																								
<p>3. This report contains indications relating to the following items:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><input checked="" type="checkbox"/></td> <td style="width: 15%;">Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table> <p>4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).</p>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input checked="" type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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<input type="checkbox"/>	Box No. VIII	Certain observations on the international application																						

	Date of issuance of this report 07 June 2006 (07.06.2006)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. +41 22 740 14 35	Authorized officer  <b>Nora Lindner</b>  Telephone No. +41 22 338 89 65

# Translation

## PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

100083

RM.306,3/F., Quantum Silver Plaza, No.23 Zhichun Road,  
Haidian District

Beijing 100083

China

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20 OCT 2004

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### WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 bis.1)

Date of mailing

14 OCT 2004 (14 · 10 · 2004)

Applicant's or agent's file reference

04P400480

#### FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/CN2004/000666

International filing date (day/month/year)

22.Jun.2004 (22.Jun.2004)

Priority date (day/month/year)

01.Dec.2003 (01.12.2003)

International Patent Classification (IPC) or both national classification and IPC

IPC<sup>7</sup> H04M3

Applicant

ZTE corporation ETAL

#### 1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No.II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i)with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No.VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No.VIII Certain observations on the international application

#### 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

#### 3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/  
6 Xitucheng Rd., Jimen Bridge, Haidian District,  
100088 Beijing, China

Authorized officer



Facsimile No. (86-10)62019451

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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
CT/CN2004/000666

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  
  
 This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b))
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of :
  - a. type of material a sequence listing table(s) related to the sequence listing
  - b. format of material in written format in computer readable form
  - c. time of filing/furnishing contained in the international application as filed. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search.
3.  in addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
CT/CN2004/000666

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement:

Novelty (N)                      Claims 1—6                      YES

                                    Claims \_\_\_\_\_                      NO

Inventive step (IS)              Claims 1—6                      YES

                                    Claims \_\_\_\_\_                      NO

Industrial applicability (IA)    Claims 1—6                      YES

                                    Claims \_\_\_\_\_                      NO

2. Citations and explanations

The following documents have been cited:

D1: JP7-250157A

D2: JP7-143530A

D3: CN1306360A

1. Claim 1-6 required a kind of simulate user calling's test system and method which built-in digital SPC exchange, cited documents also disclosed test system or method for SPC exchange, but they have not disclosed that they are build-in the SPC exchange, and have the structure equal to the claim 1-6, thus claim 1-6 have the Novelty(N) and Inventive step(IS).

2. Claim 1-6 have the Industrial applicability (IA).

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No. <b>CT/CN2004/000666</b>
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**Box No. VI Certain documents cited**

1. Certain published documents(Rules43bis.1 and 70.10)

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
JP7-250157A	26.Sep.1995	08.Mar.1994	None
JP7-143530A	02.Jun.1995	19.Nov.1993	None
CN1306360A	01.Aug.2001	20.Jan.2000	None

2. Non-written disclosures(Rules43bis.1 and 70.9)

Kind of non written disclosure	Date of non -written disclosure (day/month/year)	Date of written disclosure referring fo non-written disclosure (day/month/year)